

13

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Publication

Canada



Alberta

Partnership Agreement in Forestry
Entente d'association en foresterie

LIST OF REPORTS

PUBLISHED UNDER

**CANADA-ALBERTA FOREST RESOURCE
DEVELOPMENT AGREEMENT (FRDA)**
FY 1985 - 1990

AND

**CANADA-ALBERTA PARTNERSHIP
AGREEMENT IN FORESTRY (PAIF)**
FY 1991 - 1996

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This booklet contains the listing of reports published under the Canada-Alberta Federal-Provincial forestry agreements.

If you would like to obtain a specific report, please place a check mark (✓) beside each report number you would like.

Canada-Alberta agreement reports are available at no charge, however, QUANTITY IS RESTRICTED.



**REPORTS PUBLISHED UNDER THE CANADA-ALBERTA FOREST
RESOURCE DEVELOPMENT AGREEMENT (FRDA) FY 1985-1990**

* Rpt	Title	Author(s)
6	Improving fibre utilization in the aspen structural panelboard industry. 1986. 22p.	H.A. Simons (Int'l) Ltd.
7	Study of chemithermomechanical pulp (CTMP) production potential in Alberta. 1986. 37 p.	Ekono Consultants Ltd.
9	Outlook for the treated lumber market. 1986. 15p.	D.G. Bell & Assoc. Inc.
11	Testing of Alberta spruce and pine laminated beams. 1986. 23p.	Himmelfarb, D. - Western Archib
12	Dimensional stabilization of wood products using chemical impregnation. 1986. 21p.	Bains, B. - Wood Research Ltd.
14	Forest sector secondary industry development study. 1986. 49p.	D.G. Bell & Assoc. Inc.
15	Variability of MSR lumber in tension. 1986. 103p.	Lum, C. - Forintek Canada Corp.
18	Risk management in forest planning. 1987. 66p.	W.R. Dempster & Assoc.
22	Aspen shingles and shakes in Alberta. 1987. 23p.	Foal Enterprises Inc.
23	Spruce budworm in the Footner Lake Forest: a status report. 1988. 21p.	Amirault, P. - et al. - ForCan
24	Preparation of pulps from sound Alberta aspen and balsam poplar by various processes. 1987. 72p.	Thomas, P. - Econotech Services Ltd.
25	Dimensional stabilization: state-of-the-art review. FP 2.4.1. 1987. 112p.	Alberta Research Council
26	Isocyanates (M.D.I.) FP 2.2.1. 1987. 96p.	Alberta Research Council
27	Oriented strand board (OSB) optimization. FP 2.1.1. 1987. 64p.	Alberta Research Council
28	Alberta aspen vs. black poplar wood quality differences. 1987. 42p.	Micko, M. - U of A
29	Coatings and embossed panels. FP 2.5.1. 1987. 26p.	Alberta Research Council
30	Aspen vs. black poplar differences. Phase I - waferboard/OSB. FP 2.6.1. 1987. 86p.	Alberta Research Council
31	Stressed skin panels. 1987. 33p.	Alberta Research Council
32	Machine stress rating panel products. 1987. 28p.	Alberta Research Council
33	Report on cement-bonded particleboard, its applications and a preliminary assessment of a plant to be located in Alberta. 1987. 94p.	Ligna Technologies Ltd.
34	Ring-flaked maxi-chips: the manufacture, testing and evaluation of composite board made from Alberta woods. 1987. 34p.	Morrison-Knudsen Forest Products Co. Ltd.
36	Biogeoclimatic ecosystem classification of the forestry portion of southwestern Alberta. 1987. 58p.	Sivak, B. - AFS
37	Comparison of balsam & aspen poplar trees in Alberta. 1987. 16p.	Cyr, N.; Laidler, J. - ARC
40	Pacific rim markets for forest products in the 1990's: economic assessment of demand & supply. 1987. 92p.	Gellner, G. - U of A

* **NOTE:** Unlisted Numbers are discontinued.

**REPORTS PUBLISHED UNDER THE CANADA-ALBERTA FOREST
RESOURCE DEVELOPMENT AGREEMENT (FRDA) FY 1985-1990**

* Rpt	Title	Author(s)
41	Preliminary assessment of impulse radar to detect decay in hardwood. 1988. 39p.	Canpolar Inc.
42	Interim progress report: tree improvement applied research and technology transfer. 1988. 29p.	Alberta Forest Service
43	Application of scanning and imaging techniques to assess decay and wood quality in logs and standing trees. 1988. 72p.	Hailey, J.; Morris, P. - Forintek Canada Corp.
44	Potential for enzymatic lignin-based adhesives: state-of-the-art review. 1988. 84p.	Steiner, P. - et al. - Forintek Canada Corp.
45	Utilization and marketing opportunities for Alberta aspen solid wood products. 1988. 109p.	Wengert, W. - Virginia Polytech Inst. & State U
46	On-line system for board product quality control. 1988. 26p.	Byers, G. - Pelican Spruce Mills
48	Birch supply, lumber potential and cost in Alberta. 1988. 46p.	Jasper Millworks Ltd; Woodland Res. Serv. Ltd.
49	A tutorial for grading aspen, birch, and other Canadian hardwoods. 1988. 66p.	Wengert, W. - Virginia Polytech Inst. & State U
50	Status of balsam (black) poplar utilization in waferboard/OSB production. 1988. 23p.	Pfaff, F. - Forintek Canada Corp.
52	Westlam: glue-laminated wooden beams product acceptance and market development. 1988. 26p.	Fargey, J. - Western Archrib
53	Shingles and shakes from Alberta jack pine and aspen. 1988. 50p.	Silvacom Ltd.
54	Alberta economic timber supply analysis - final report. 1988. 245p.	Beck, J. (Jr.) - et al. - U of A
57	Proceedings from the geographic information systems conference: forestry G.I.S. - the next step. 1988. 327p.	Ferguson, N., ed. - AFLW
59	Innovations for hardwood utilization: catalysed organosolv pulping and saccharification. 1988. 23p.	Paszner, L. - Int'l Biomass Refining Consultants Ltd.
63	Biotechnological modification of lignin. 1989. 26p.	Alberta Research Council
64	Overwintering container seedlings using underground heat. 1988. 74p.	Ellis, T.; Fedkenheur, A. - Noval Enterprises
65	Pest distribution and impact in young lodgepole pine stands in west-central Alberta. 1989. 46p.	Amirault, P.; Pope, B. - ForCan
67	Application of laser technology for the manufacture of children's furniture using Alberta forest products - phase II. 1989. 38p.	Tekle, T. - TEK Woodworks
68	Using density profilometer for quality & consistency measurements in MDF manufacturing. 1989. 17p.	Gibbon, M. - Blue Ridge Lumber; Tundak, T. - Recom Eng. Ltd.
70	Detection of heart rot voids in trees using stress wave analysis. 1989. 20p.	Eng. Data Mgt. Inc.
71	Effect of scarf joints on bending properties of laminated veneer lumber. 1989. 12p.	Forintek Canada Corp.
72	Decay levels in mature aspen stands: Whitecourt, Alberta. 1989. 45p.	Maier, G.; Darrah, D. - AFS

* **NOTE:** Unlisted Numbers are discontinued.

**REPORTS PUBLISHED UNDER THE CANADA-ALBERTA FOREST
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* Rpt	Title	Author(s)
75	Refinement & mill trial of a new moisture tolerant plywood adhesive system. 1989. 40p.	Steiner, P. - et al. - Forintek Canada Corp.
76	Development of lab model of automated visual lumber grading system. 1989. 21p.	Visionsmart Inc.
77	Market study of the competitiveness of the Seven-S building sytems. 1989. 52p.	Seven S Structures Inc.
81	Dimensional stabilization - summary report. 1990. 80p.	Alberta Research Council
82	Duration of load. 1990. 86p.	Alberta Research Council
83	Fire retardancy. 1990. 88p.	Alberta Research Council
84	Market acceptance. 1990. 195p.	Alberta Research Council
86	The Canada-Alberta wetlands drainage & improvement for forestry program. 1990. 74p.	Hillman, G. - et al.
87	Destructive testing of stressed skin panels. 1990. 51p.	Alberta Research Council
88	An economic analysis of wood supply from private land in Alberta. 1990. 65p.	Messmer, M. - et al.
89	Forest pest management and damage appraisal - final report. 1990. 20p.	Amirault, P. - ForCan
90	Forest yield predictions: risk modeling & simulation. 1990. 14p.	Singh, T. - ForCan
91	Juvenile furniture from Alberta pine and aspen. 1989. 31p.	H.P.C. Construction
94	Testing of laminated timber crossarms. 1990. 26p.	Fargey, J. - et al.
95	Tree improvement applied research & technology transfer. 1990. 37p.	Alberta Forest Service
96	Materials handling. 1990. 9p.	Alberta Research Council
97	Environmental impacts of vegetation management by mechanical & chemical (hexazinone) methods including residue chemistry. 1990. 237p.	Sidhu, S.; Feng, J. - ForCan, NoFC

*END OF THE REPORTS PUBLISHED UNDER THE
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* **NOTE:** Unlisted Numbers are discontinued.

**REPORTS PUBLISHED UNDER THE CANADA-ALBERTA
PARTNERSHIP AGREEMENT IN FORESTRY (PAIF) FY 1991-1996**

* Rpt	Title	Author(s)
101	Timber-harvesting techniques that protect conifer understory in mixedwood stands: case studies. 1992. 79p.	Sauder, E.A. - FERIC
102	Protecting white spruce understories when harvesting aspen - progress report. 1992. 54p.	Brace Forest Services
105	An economic evaluation of forward looking infrared (FLIR) technology to enhance aerial suppression of forest fires in Alberta. 1993. 21p.	Woodard, P. - et al.
106	Identification & evaluation of aspen decay & stain in CTMP pulping. 1993. 24p.	Hunt, K. - Paprican
107	Extreme value analysis of wind gusts in Alberta. 1993. 46p.	Flesch, T. - et al.
110	A study of the economic importance of the forest sector in Alberta. 1994. 43p.	Ernst & Young; CFS, NoFC
111	Chipping roadside debris with the Bruks Chipper in west-central Alberta. 1994. 19p. (FERIC SR-91)	Hunt, J.A. - FERIC
112	Synopsis of information on white, engelmann, & black spruce natural regeneration in North America. 1994. 221p.	Peterson, E. - et al.
113	At-the-stump and roadside log processing in Alberta: a comparison. 1994. 30p. (FERIC SR-96)	Araki, D. - FERIC
114	Forward Looking Infrared (FLIR) utilization in aerial fire suppression operations. 1994. 14p.	MacAulay, H.
115	Pilot manufacture & testing of laminated veneer lumber from sunpine veneer. 1994. 13p.	Alberta Research Council
116	Identification & evaluation of aspen decay & stain in RMP & CTMP pulping. 1994. 37p.	Hunt, K. - Paprican
117	Treatability of western white spruce with ammoniacal preservatives. 1994. 10p.	Forintek Canada Corp.
118	Farmland spreading of CTMP mill sludge. 1994. 10p.	Slave Lake Pulp Corp.
119	Northern Forestry Centre, Woodlot Extension Library Publications List.	Triggs, D. - compiler - CFS, NoFC
120	Landspreading ash & sludge at the operations of Slave Lake Pulp Corporation. 1995. 81p.	Slave Lake Pulp Corp.
121	Development of moment connections in glued-laminated Alberta spruce & pine timber. 1995. 96p.	Hattar, C.P.; Cheng, J.R. - U of A
122	Vegetation management by chemical and mechanical methods in aspen (<i>populus tremuloides</i>) -dominated clearcuts: vegetation response six years after treatment. 1995. 138p.	Strong, W. L. - Ecological Land Surveys Ltd.; Sidhu, S.S.; Navratil, S. - CFS
123	Shear behaviour of OSB wood composite I-beams with web openings. 1995. 97p.	Wang, S.; Cheng, J.R. - U of A
124	Minimizing wind damage in alternative silviculture systems in boreal mixedwoods. 1995. 82p.	Navratil, S. - CFS, NoFC

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**REPORTS PUBLISHED UNDER THE CANADA-ALBERTA
PARTNERSHIP AGREEMENT IN FORESTRY (PAIF) FY 1991-1996**

Rpt	Title	Author(s)
25	The feasibility of plantation silviculture using poplar on agricultural lands of western & central Alberta. 1995. 37p.	Lester, D. - et al.
26	Aspen decay & stain measurement. 1995. 17p.	Visonsmart Inc.
27	Machine stress grading of lumber at low temperatures. 1995. 24p.	DeGeer, D. - C-Fer; Bach, L. - A R C
28	Vegetation management by chemical and mechanical methods in aspen (<i>populus tremuloides</i>) -dominated clearcuts: analysis of coniferous crop seedlings and selected competition variables. 1995. 73p.	Strong, W. L. - Ecological Land Surveys Ltd.; Sidhu, S.S. & Navratil, S. - CFS
29	Impact of Armillaria root rot in intensively managed white spruce/aspen stands. 1995. 11p.	Blenis, P.; Titus, S. - U of A; Mallet, K. - CFS, NoFC
30	Aspen decay and stain. Workshop proceedings. 1995. 149p.	Bohning, R.A. - et al.; CFS
31	Short-run supply behaviour of timber quota holders in Alberta. 1995. 40p.	Luckert, M. - et al.
32	Decay & stain fungi of North American conifers with special reference to the Prairie Provinces. 1995. 43p.	Chakravarty, P. - CFS, NoFC
33	Development of a wood hardness tester for detecting decay in aspen. 1995. 13p.	Ewart, J.M. - FERIC
34	Identification & evaluation of aspen decay & stain in CTMP & APRMP pulping. 1995. 26p.	Hunt, K. - Paprican
35	A literature review of alternate species in oriented strand board & waferboard. 1995. 255p.	Grant, D.R. - Forintek Canada Corp.
36	Evaluation of a Tridem drive tractor for log transportation. 1995. 33p.	Amlin, E. - et al. - FERIC
37	Experimental habitat fragmentation & simulation of landscape dynamics in the boreal mixedwood: a pilot study. 1995. 85p.	Cumming, S.G. - et al. - University of B.C.

**MISCELLANEOUS REPORTS PUBLISHED UNDER THE CANADA-ALBERTA
PARTNERSHIP AGREEMENT IN FORESTRY (PAIF) FY 1991-1996**

* Rpt	Title	Author(s)
A	Marketing timber: from private land in Alberta. 1993. 78p.	Koinonia Corporation
B	Aspen woodlot feasibility study. 1994. 122p.	D.A. Westworth & Assoc.
C	Mapping: how we use our land. 1994. 40p.	Robinson, M. - et al. - Arctic Institute
D	Conservation & logging on private land in Alberta. 1994. 30p.	Grundberg, B.; Vanderwel, D.S. - AEP; CFS, NoFC
E	Towards defining a woodlot management program for the Prairie Provinces. 1995. 116p.	Rounds, R.C. - et al. Brandon University

W *	Directory of primary wood products manufacturing in Alberta - 1995/96. 1995. 94p.	Clear Lake Ltd.; FID - AED&T (ed.'s)
X *	Directory of secondary wood products manufacturing in Alberta - 1995/96. 1995. 180p.	Technology Brokers Inc.
Y *	Relationships between stand age, stand structure, and biodiversity in aspen mixedwood forests in Alberta. 1995. 333p.	Stelfox, J.(ed.) - AEP; CFS, NoFC

*** Supplies of the above listed reports are limited.**

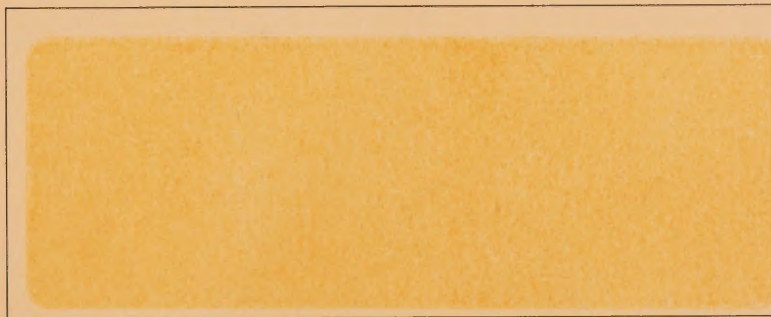
Z	Log yard management for OSB mills. 1995. <i>For copies of this report -- Please write directly to Forintek Canada Corporation, at 319 rue Franquet, Ste-Foy, Quebec, G1P 4R4.</i>	Burnette, G. - Forintek Canada Corp. - East Div.
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NOTES

TITLE / COMPANY ABBREVIATIONS

A E D & T	= Alberta Economic Development & Tourism	Provincial
A E P	= Alberta Environmental Protection	Provincial
A F L W	= Alberta Forestry, Lands and Wildlife	Provincial
A F S	= Alberta Forest Service	Provincial
A R C	= Alberta Research Council	Private Institution
C F S	= Canadian Forest Service	Federal
F I D	= Forest Industry Development Branch	Provincial
FERIC	= Forest Engineering Research Institute of Canada	Private Institution
ForCan	= Forestry Canada (<i>now the C F S</i>)	Federal
NoFC	= Northern Forestry Centre	Federal
U of A	= University of Alberta	Educational Institution

FROM:



Canada

Alberta

Partnership Agreement in Forestry
Entente d'association en foresterie

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REPORTS PUBLISHED UNDER THE CANADA-ALBERTA FRDA AND PAIF AGREEMENTS FY 1986 - 1996

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